

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A memory system for a portable telephone including a signal transmission/reception portion for transmitting and receiving a signal and a control portion for controlling at least a signal transmission and reception operation of said transmission/reception portion, comprising:

a random access memory providing a working area for said control portion; and

C1 a ~~file storage~~ flash memory including a memory array for storing a program for said control portion and at least transmission and reception data in a non-volatile manner under a control of said control portion, said memory array being divided into a plurality of storage units, and a register, provided commonly to the respective storage units, having information in a storage unit of said plurality of storage units transmitted thereinto and allowing serial readout of the transmitted information.

2. (Currently Amended) The memory system for the portable telephone according to claim 1, wherein said random access memory and said ~~file storage~~ flash memory are coupled to an internal bus interconnecting said control portion and said signal transmission/reception portion.

3. (Currently Amended) The memory system for the portable telephone according to claim 2, further comprising a bus converting circuit connected between said ~~file storage~~ flash memory and said internal bus and functioning as an interface circuit for said ~~file storage~~ flash memory.

4. (Currently Amended) The memory system for the portable telephone according to claim 3, wherein said ~~file storage~~ flash memory and said bus converting circuit are integrally formed into a

memory card being attachable and detachable to and from said portable telephone.

5. (Currently Amended) The memory system for the portable telephone according to claim 3, wherein said ~~file storage~~ flash memory is constituted of a memory card being attachable and detachable to and from said bus converting circuit.

6. (Currently Amended) The memory system for the portable telephone according to claim 1, wherein said control portion, said random access memory and said ~~file storage~~ flash memory are integrally formed as a control unit.

7. (Currently Amended) The memory system for the portable telephone according claim 1, wherein said ~~file storage~~ flash memory comprises an AND type flash memory.

8. (Original) The memory system for the portable telephone according to claim 5, wherein said bus converting circuit is formed into an adapter attachable and detachable to said portable telephone.

9. (Currently Amended) The memory system for a portable telephone according to claim 1, wherein said file storage flash memory comprising a plurality of sectors for storing a program for said control portion and at least transmission and reception data in a non-volatile manner under a control of said control portion, and serially reading out a program stored in the storage unit of said plurality of storage units is serially read out to the random access memory to ~~execute it~~ be executed.

10. (Currently Amended) The memory system for a A portable telephone according to claim 1,  
~~comprising;~~

~~a signal transmission/reception portion for transmitting and receiving a signal,~~

~~a control portion for controlling at least a signal transmission and reception operation of said  
transmission/reception portion, and~~

~~a random access memory providing a working area for said control portion, and a file  
storage flash memory for storing a program for said control portion and at least transmission and  
reception data in a non-volatile manner under a control of said control portion;~~

C) wherein said control portion performs a process using the random access memory as an  
instruction memory to which the program is serially transferred from the ~~file storage~~ flash memory.

11. (Currently Amended) The memory system for a A portable telephone according to claim 1,  
~~comprising;~~

~~a signal transmission/reception portion for transmitting and receiving a signal,~~

~~a control portion for controlling at least a signal transmission and reception operation of said  
transmission/reception portion, and~~

~~a random access memory providing a working area for said control portion, and a file  
storage flash memory for storing a program for said control portion and at least transmission and  
reception data in a non-volatile manner under a control of said control portion;~~

wherein said control portion stores transmission and reception data into said random access  
memory as a buffer memory, and transfers the stored transmission and reception data from the  
random access memory to the ~~file storage~~ flash memory.

12. (New) A memory system for a portable telephone including a signal transmission/reception portion transmitting and receiving a signal, and a control portion controlling at least a signal transmission and reception operation of said signal transmission/reception portion, comprising:

a random access memory providing a working area for said control portion; and

a flash memory including a memory array storing a program for said control portion and at least transmission and reception data in a non-volatile manner under a control of said control portion, said memory array being divided into a plurality of storage units, information in one unit of the storage units being allowed to be serially read out in synchronization with a clock signal.

C/ 13. (New) The memory system for a portable telephone according to claim 12, wherein a program stored in the storage unit of said plurality of storage units is serially read out to the random access memory to be executed.

14. (New) The memory system according to claim 12, wherein said control portion performs a process using the random access memory as an instruction memory to which the program is serially transferred from the flash memory.

15. (New) The memory system according to claim 12, wherein said control portion stores transmission and reception data into said random access memory as a buffer memory, and transfers the stored transmission and reception data from the random access memory to the flash memory.

16. (New) The memory system for a portable telephone according to claim 12, wherein one unit of the storage units comprises a storage capacity ranging from 512 bytes to 2 K bytes.

17. (New) The memory system for a portable telephone according to claim 12, wherein the storage units are each formed of a sector.

C/ 18. (New) The memory system for a portable telephone according to claim 1, wherein one unit of the storage units comprises a storage capacity ranging from 512 bytes to 2 K-bytes.

19. (New) The memory system for a portable telephone according to claim 1, wherein the storage units are each formed of a sector.

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